

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
 Data File : BE094767.D
 Acq On : 6 Nov 2017 23:22
 Operator : SJ/JU
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.479

Quant Time: Nov 07 01:31:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 01:23:46 2017
 Response via : Initial Calibration

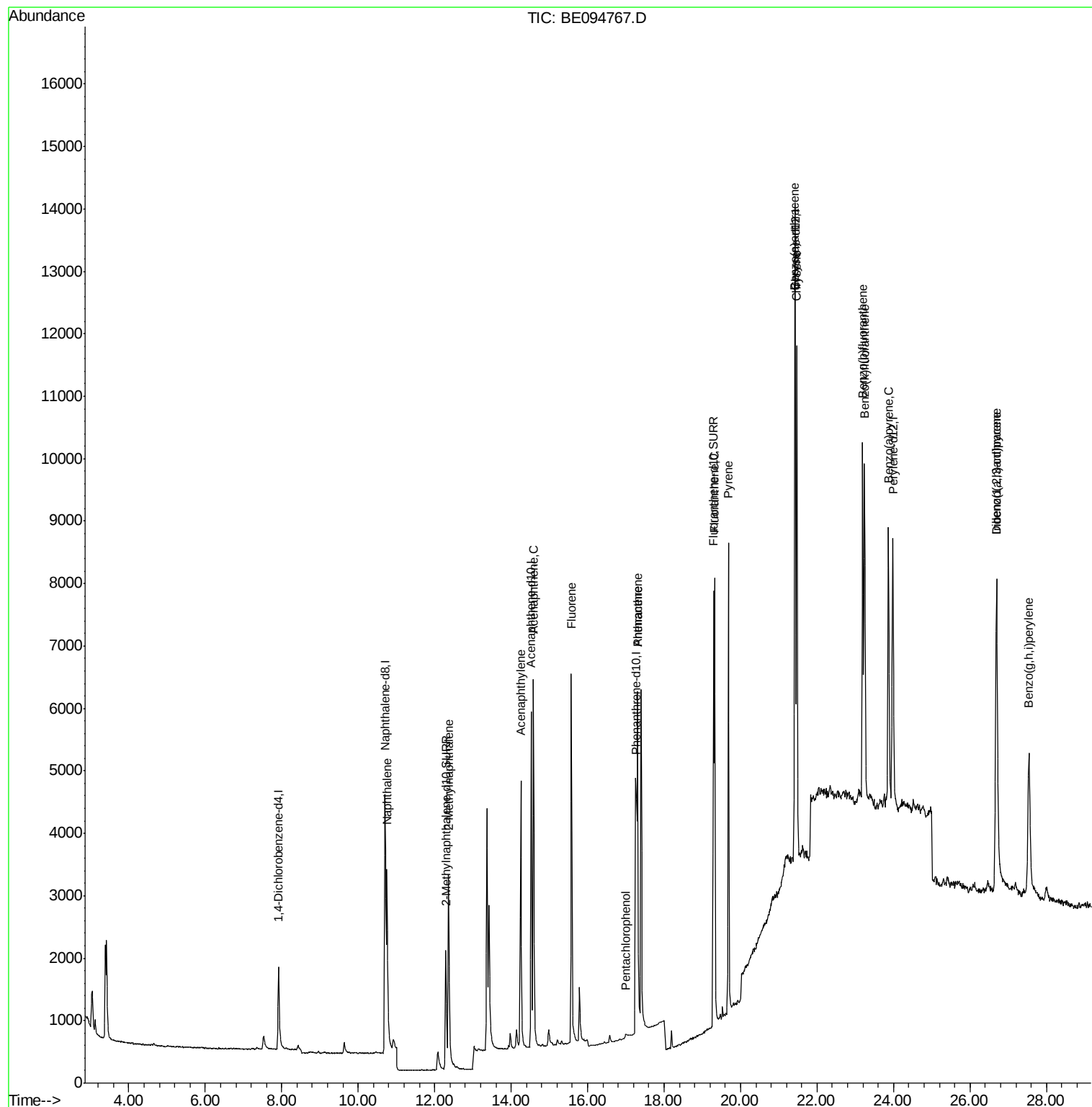
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1101	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6556	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3631	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	7937	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	7853	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	7365	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3913	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9000	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5687	0.35	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	3936	0.35	ng/ul	99
7) Acenaphthylene	14.25	152	6065	0.37	ng/ul	98
8) Acenaphthene	14.58	153	4262	0.36	ng/ul	95
9) Fluorene	15.57	166	4838	0.37	ng/ul	91
11) Pentachlorophenol	17.00	266	96	0.24	ng/ul#	79
12) Phenanthrene	17.31	178	7580	0.36	ng/ul	93
13) Anthracene	17.31	178	7515	0.36	ng/ul	95
15) Fluoranthene	19.32	202	9097	0.38	ng/ul	84
17) Pyrene	19.68	202	9758	0.40	ng/ul#	81
18) Benzo(a)anthracene	21.42	228	8944	0.40	ng/ul#	87
19) Chrysene	21.47	228	8317	0.36	ng/ul#	84
21) Benzo(b)fluoranthene	23.20	252	8109	0.39	ng/ul#	81
22) Benzo(k)fluoranthene	23.25	252	8702	0.39	ng/ul#	77
23) Benzo(a)pyrene	23.87	252	8161	0.39	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.70	276	7972	0.37	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.69	278	6736	0.37	ng/ul#	66
26) Benzo(g,h,i)perylene	27.55	276	6571	0.38	ng/ul#	69

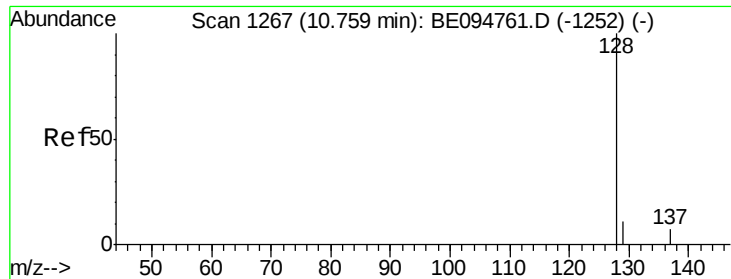
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE094767.D
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Misc :
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Instrument :
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#3

Naphthalene

Concen: 0.35 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

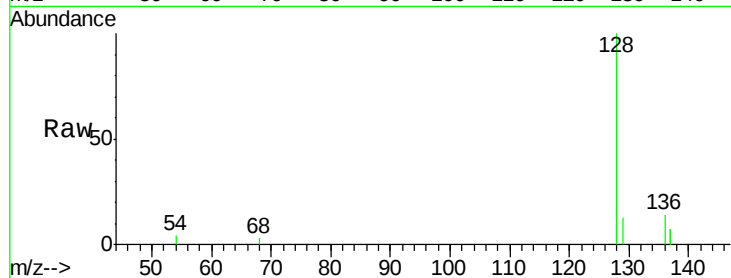
Tot Ion:128 Resp: 5687

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

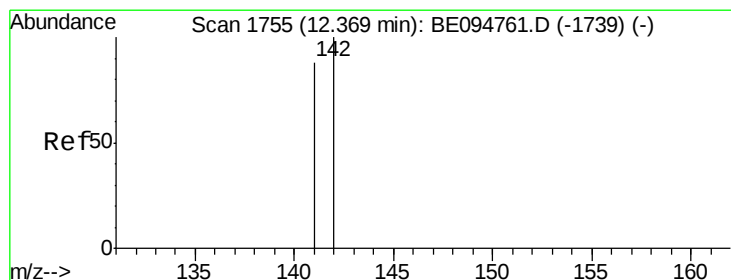
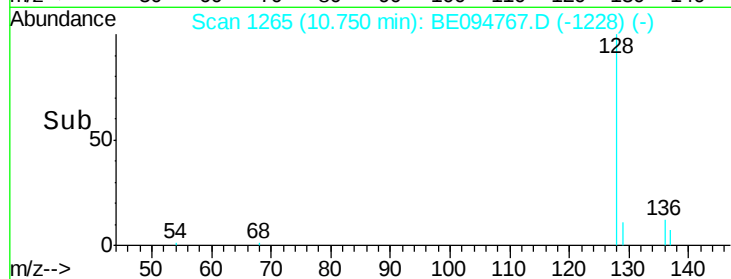
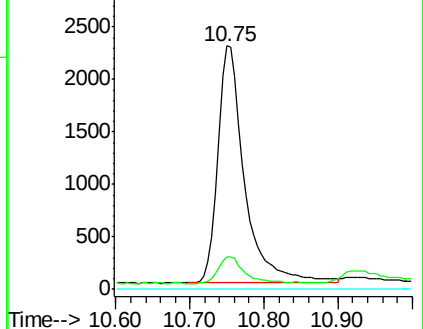
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.35 ng/ul

RT: 12.36 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BE094767.D

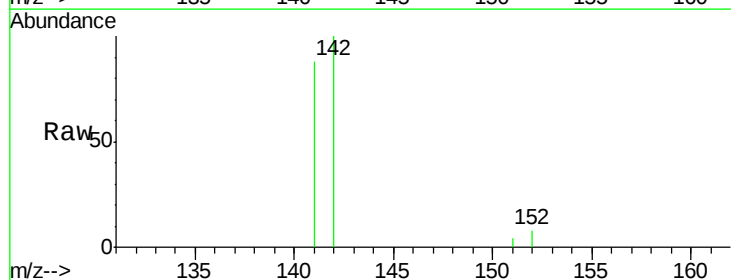
Acq: 6 Nov 2017 23:22

Tgt Ion:142 Resp: 3936

Ion Ratio Lower Upper

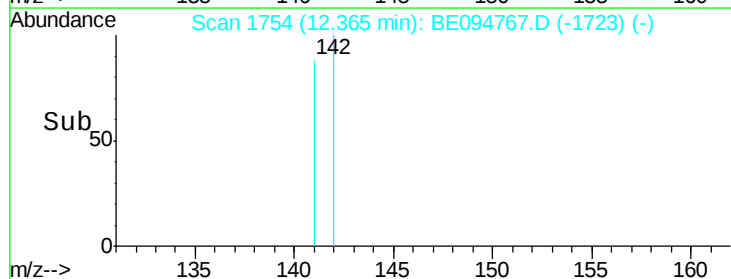
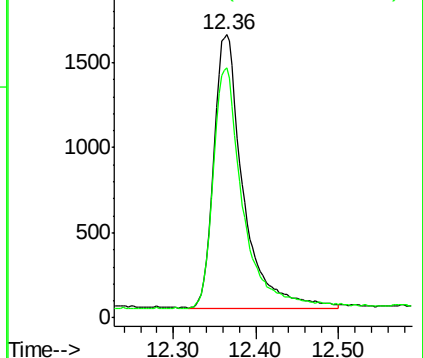
142 100

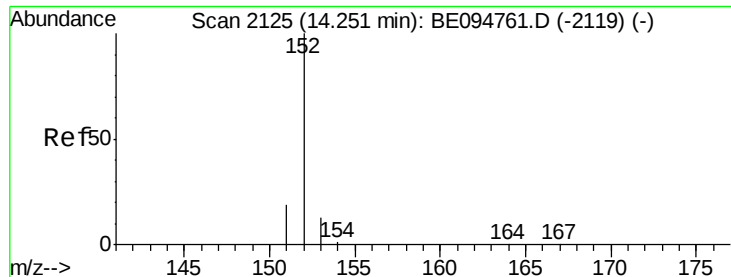
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

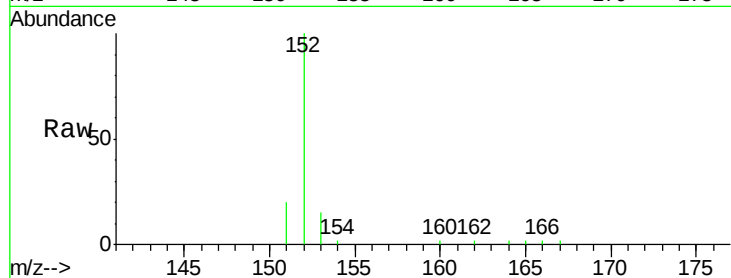
Tot Ion:152 Resp: 6065

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

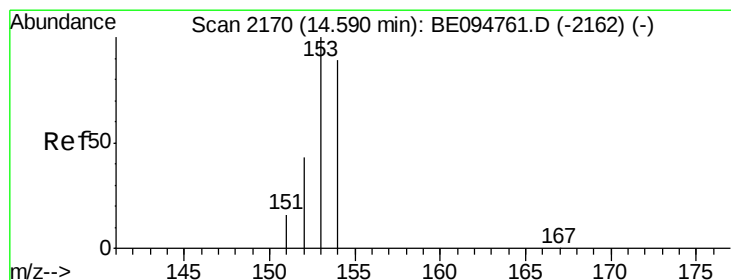
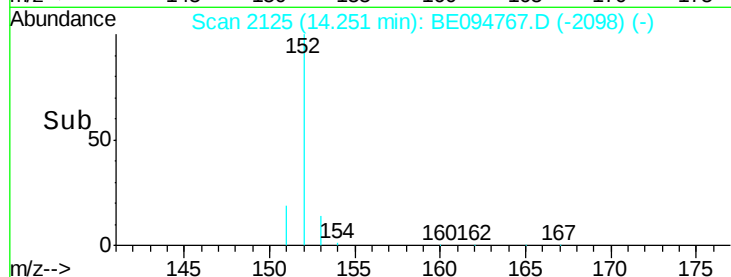
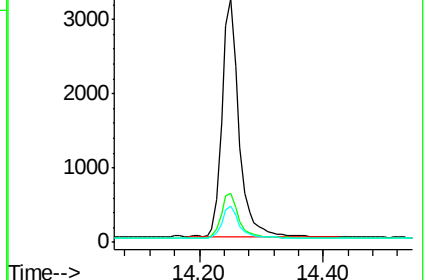
153 15.0 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.36 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

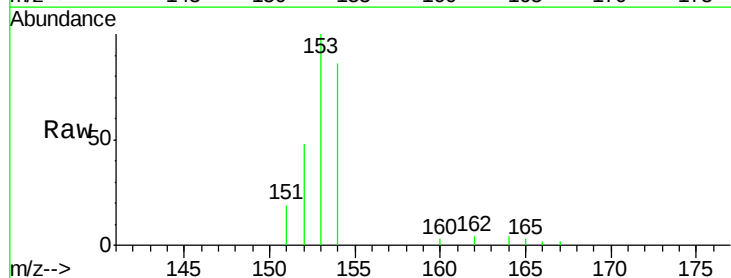
Tgt Ion:153 Resp: 4262

Ion Ratio Lower Upper

153 100

152 48.4 36.0 54.0

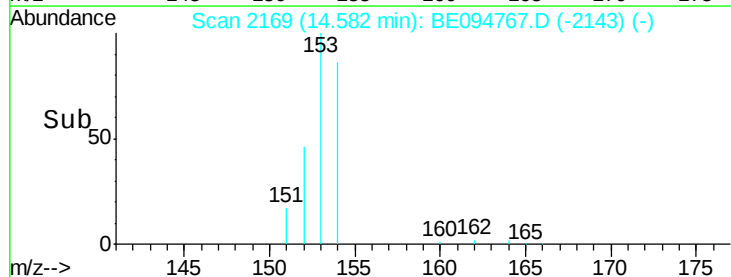
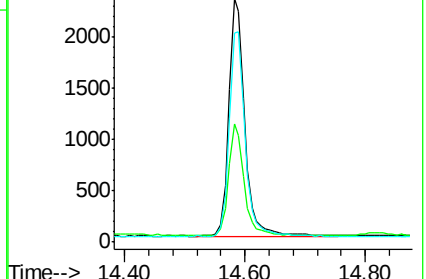
154 85.7 72.0 108.0

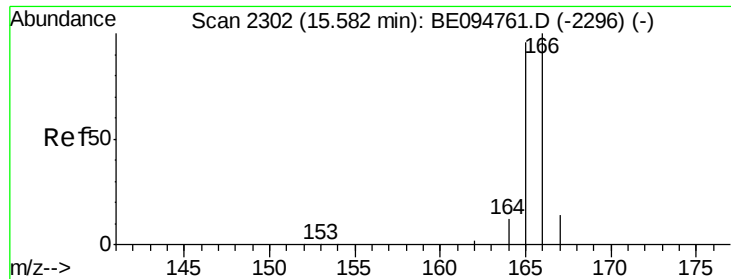


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

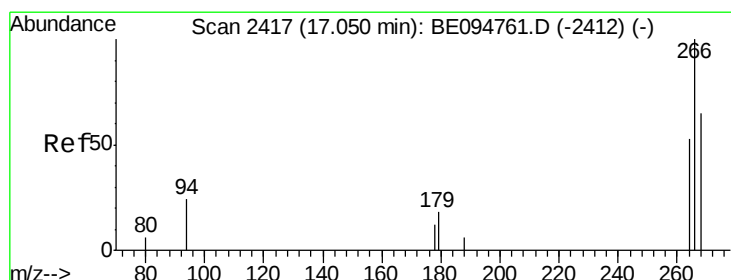
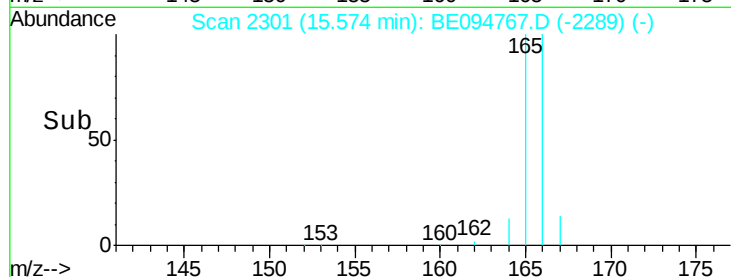
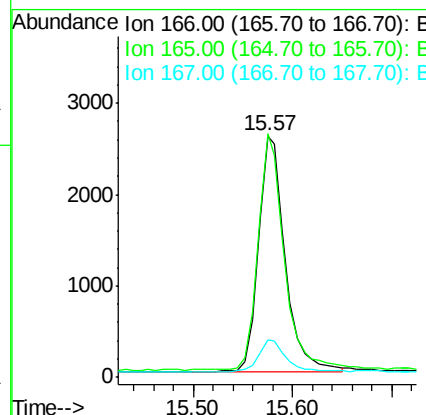
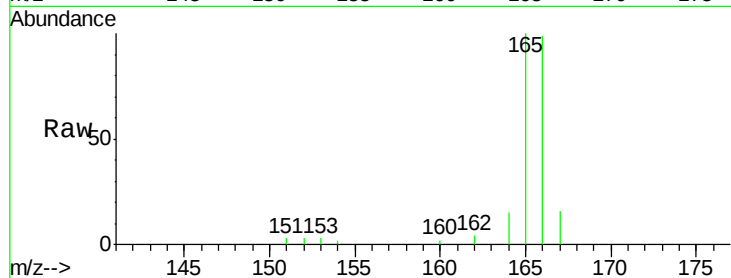




#9
Fluorene
 Concen: 0.37 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BE094767.D
 Acq: 6 Nov 2017 23:22

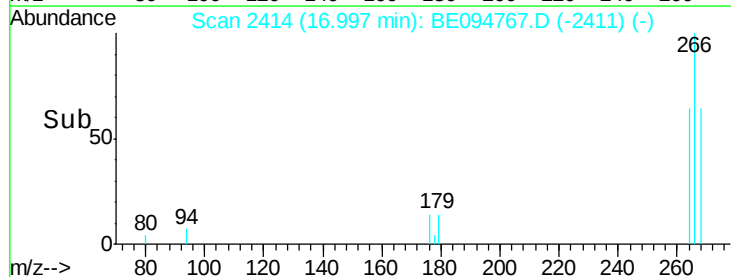
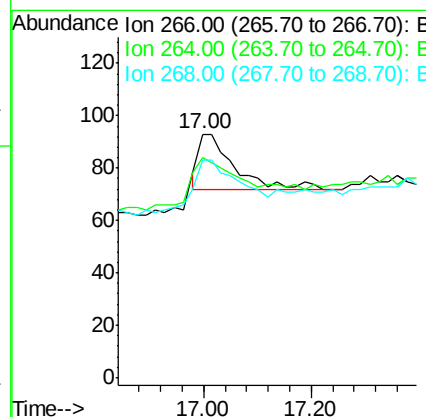
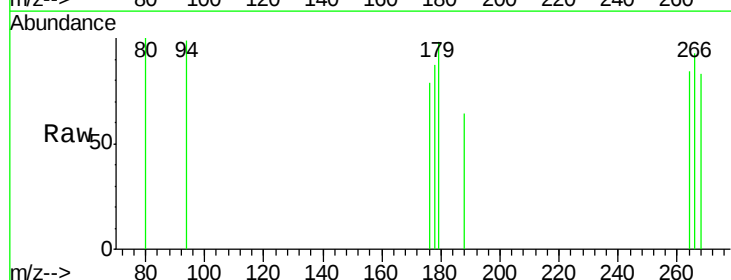
Instrument :
 BNA_E
 ClientSampleId :
 SST0.479

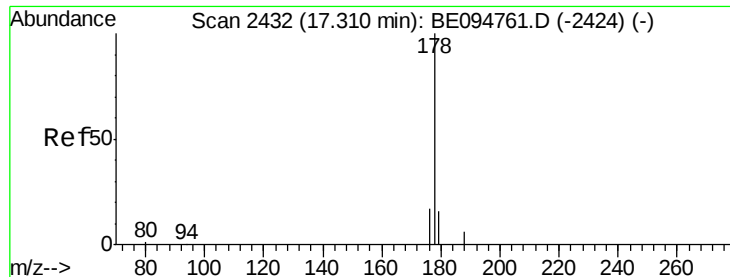
Tot Ion:166 Resp: 4838
 Ion Ratio Lower Upper
 166 100
 165 100.8 73.4 110.2
 167 15.7 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.24 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. -0.05 min
 Lab File: BE094767.D
 Acq: 6 Nov 2017 23:22

Tgt Ion:266 Resp: 96
 Ion Ratio Lower Upper
 266 100
 264 28.1 47.9 71.9#
 268 62.5 49.8 74.8





#12

Phenanthrene

Concen: 0.36 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

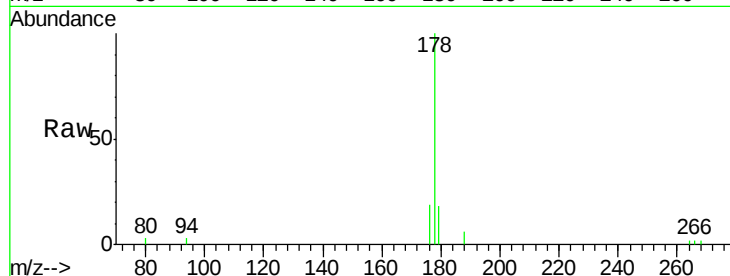
Tot Ion:178 Resp: 7580

Ion Ratio Lower Upper

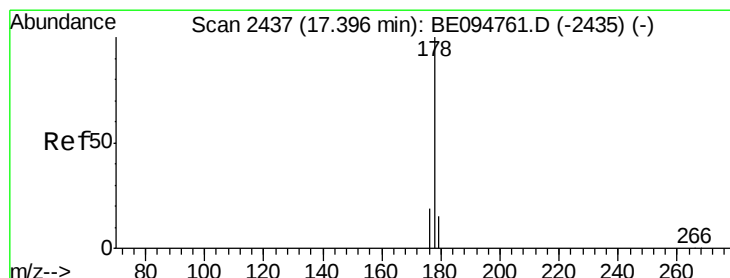
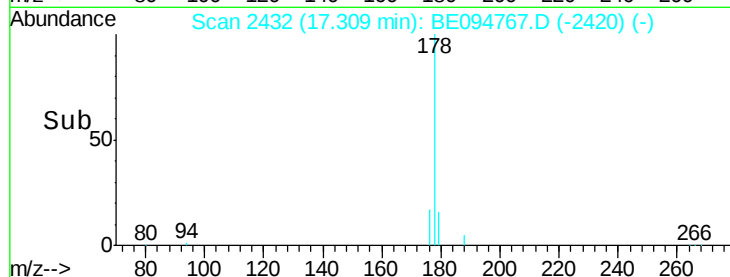
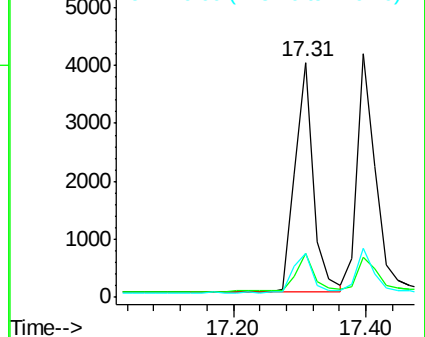
178 100

179 18.5 18.4 27.6

176 18.6 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.36 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.09 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

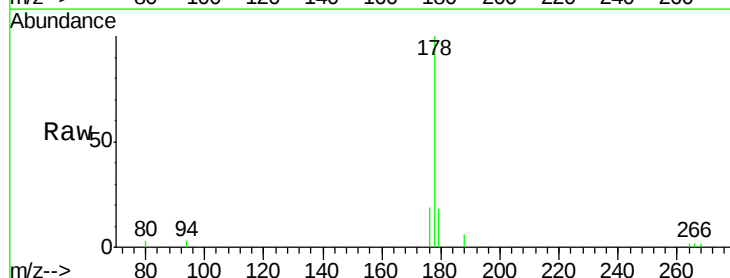
Tgt Ion:178 Resp: 7515

Ion Ratio Lower Upper

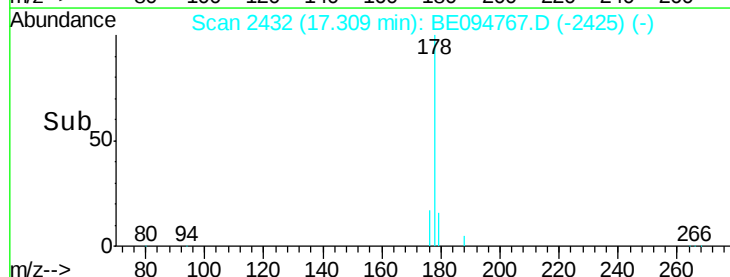
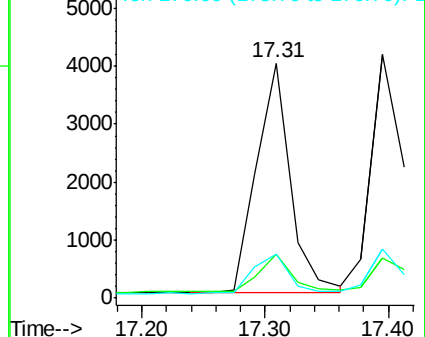
178 100

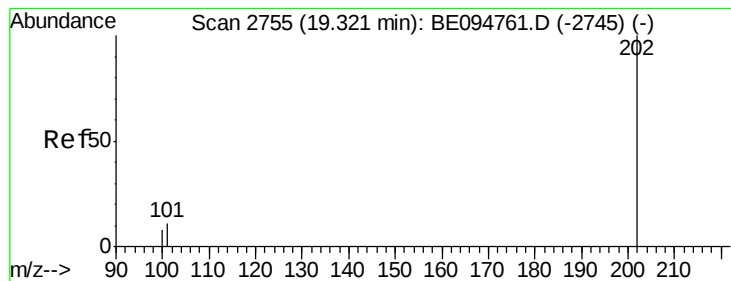
179 18.5 18.1 27.1

176 18.6 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.38 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

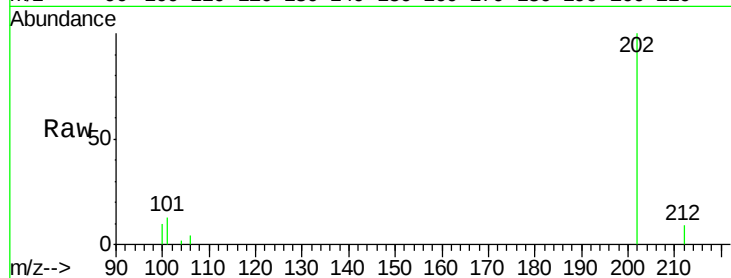
Tot Ion:202 Resp: 9097

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.3

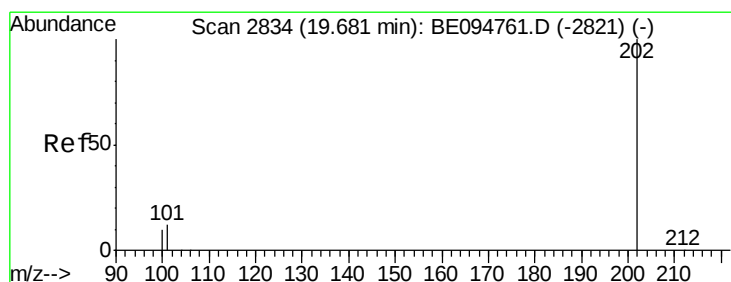
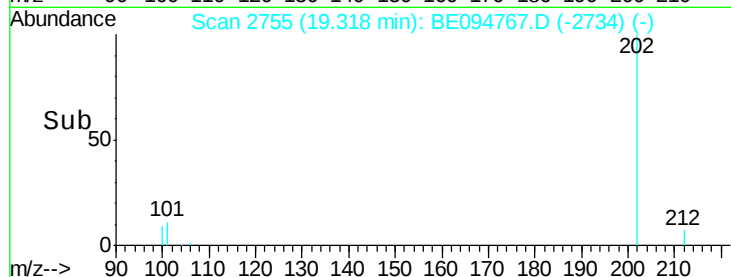
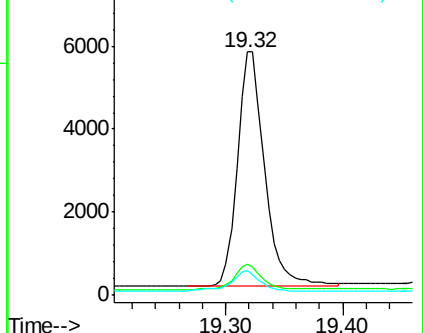
100 10.0 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.40 ng/ul

RT: 19.68 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

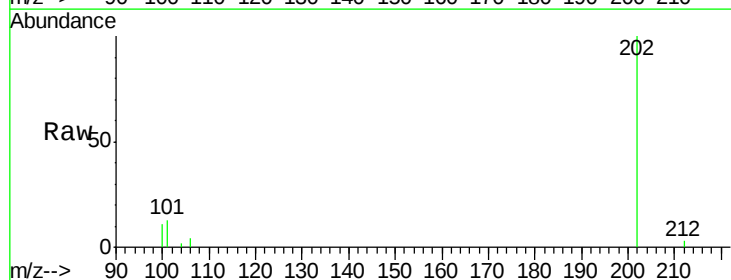
Tgt Ion:202 Resp: 9758

Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

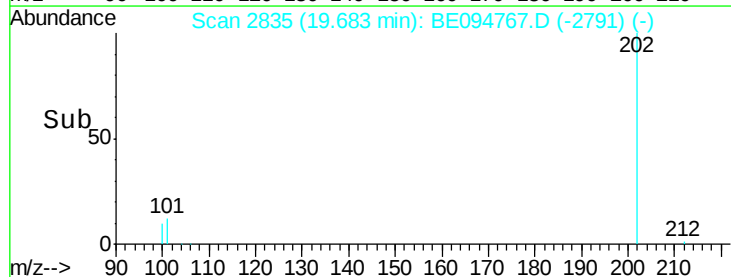
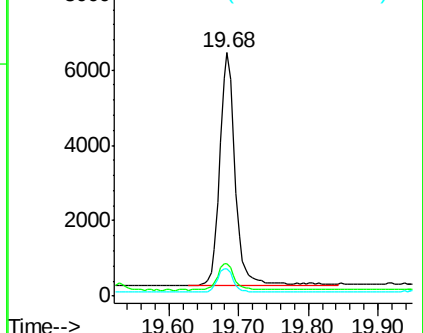
100 11.4 15.6 23.4#

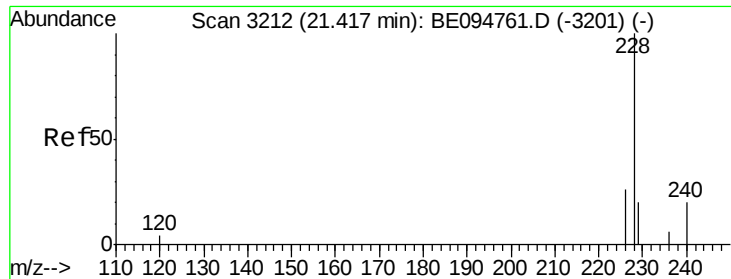


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.40 ng/ul

RT: 21.42 min Scan# 3212

Delta R.T. -0.00 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

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SSTD0.479

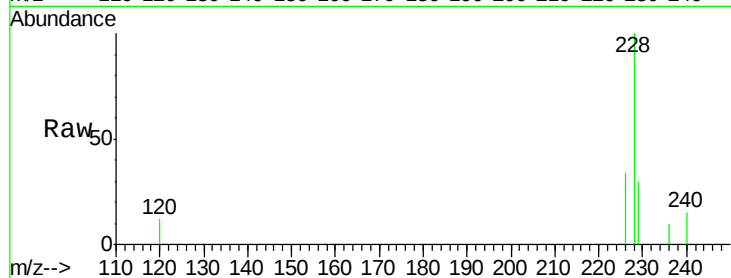
Tot Ion:228 Resp: 8944

Ion Ratio Lower Upper

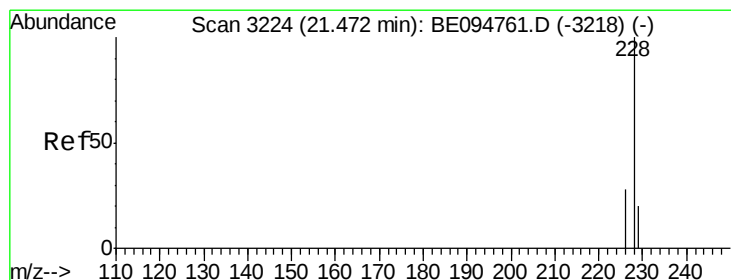
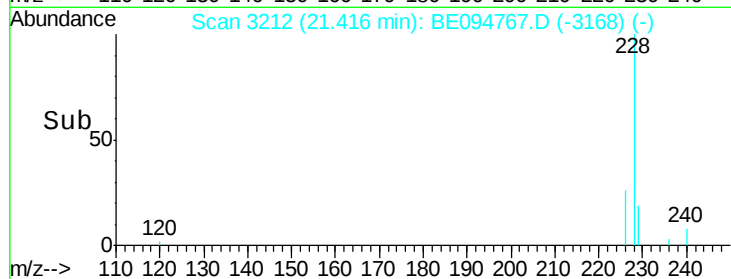
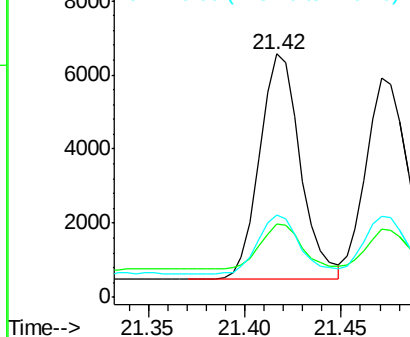
228 100

229 29.9 22.8 34.2

226 34.0 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.36 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

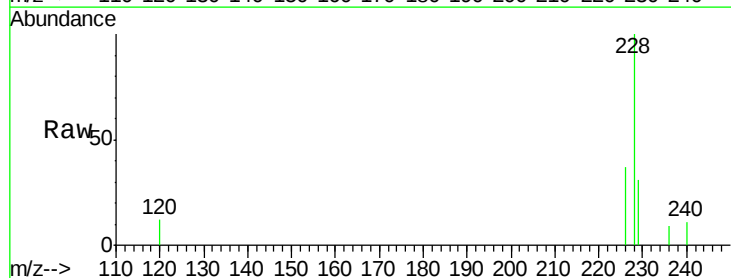
Tgt Ion:228 Resp: 8317

Ion Ratio Lower Upper

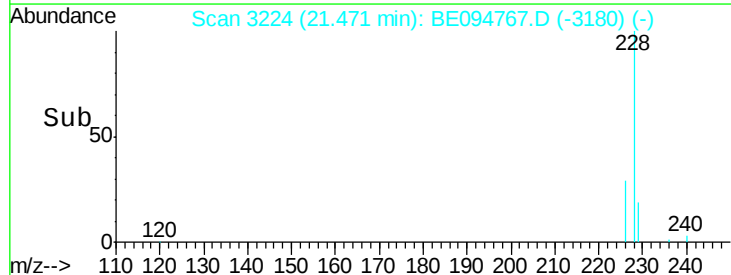
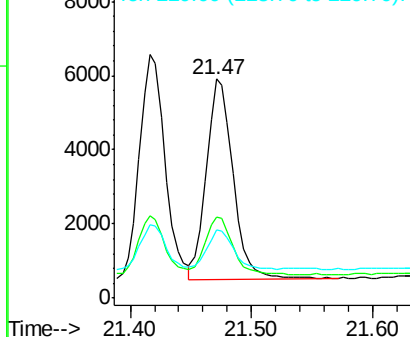
228 100

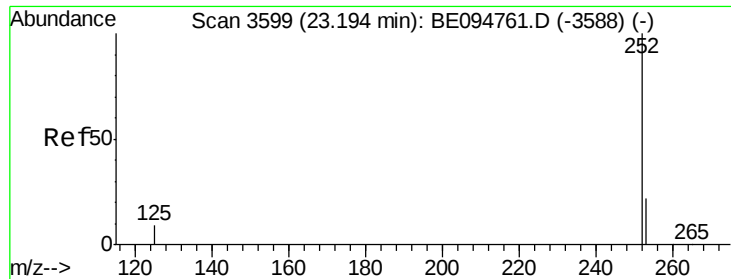
226 37.1 23.4 35.0#

229 30.9 17.7 26.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.39 ng/ul

RT: 23.20 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

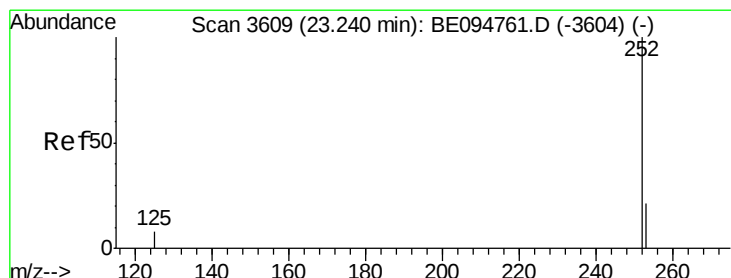
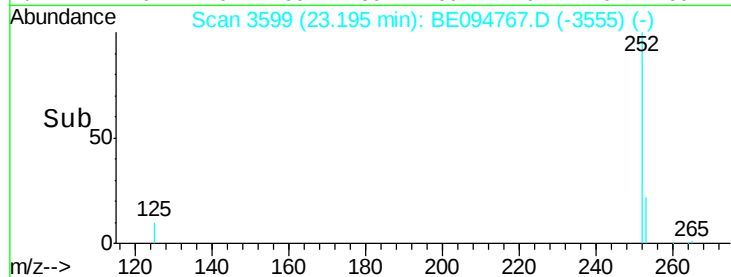
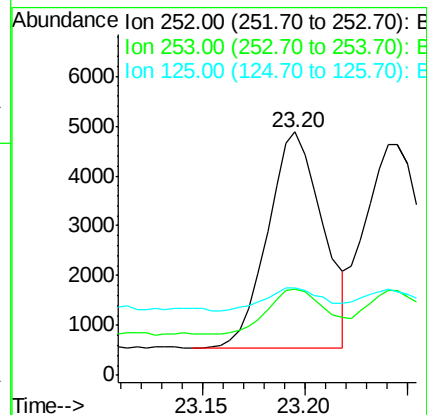
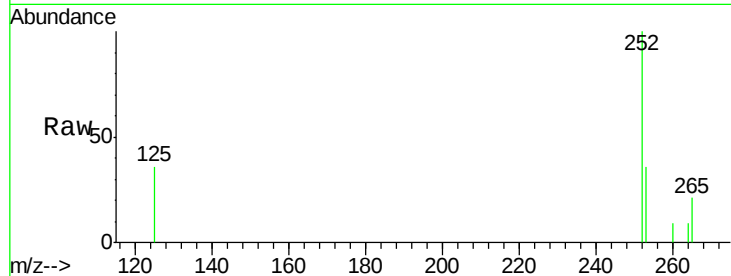
Tot Ion:252 Resp: 8109

Ion Ratio Lower Upper

252 100

253 35.5 0.0 64.2

125 35.7 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.39 ng/ul

RT: 23.25 min Scan# 3610

Delta R.T. 0.01 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

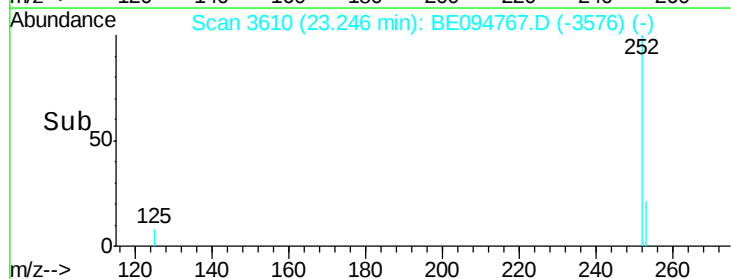
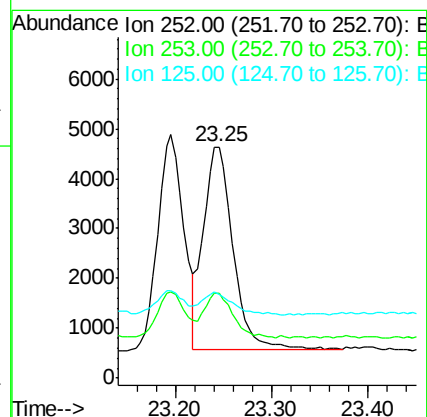
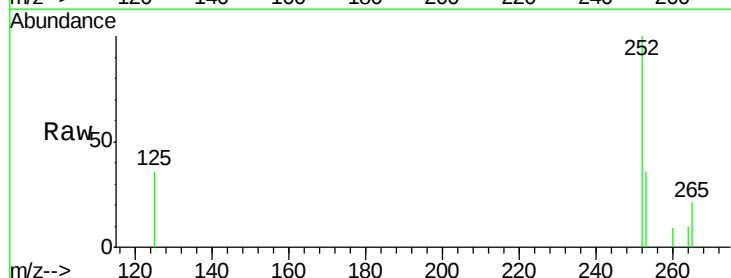
Tgt Ion:252 Resp: 8702

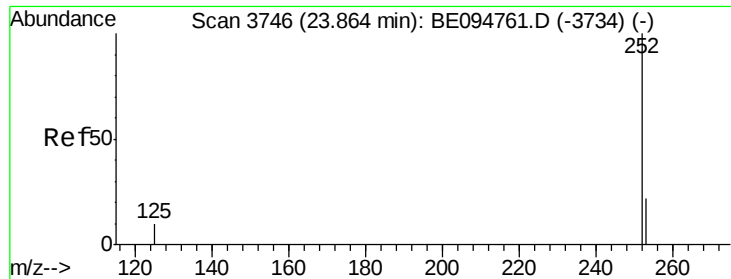
Ion Ratio Lower Upper

252 100

253 36.5 24.5 36.7

125 36.2 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.39 ng/ul

RT: 23.87 min Scan# 3747

Delta R.T. 0.01 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

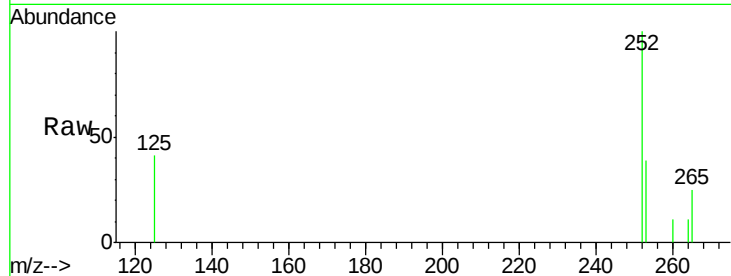
Tot Ion:252 Resp: 8161

Ion Ratio Lower Upper

252 100

253 39.1 28.5 42.7

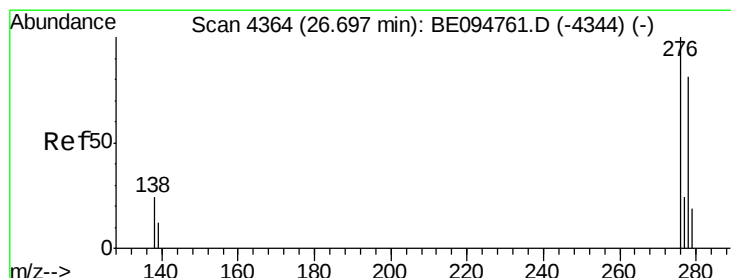
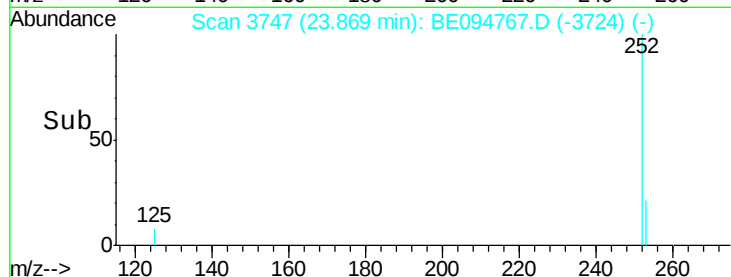
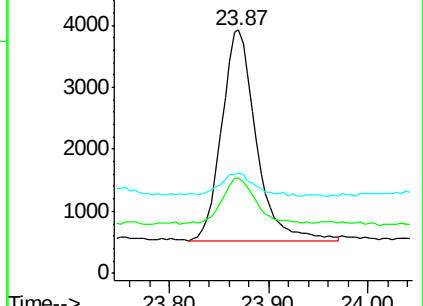
125 40.9 18.1 27.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.37 ng/ul

RT: 26.70 min Scan# 4364

Delta R.T. -0.00 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

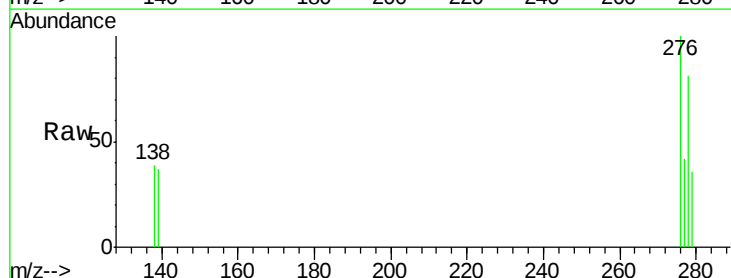
Tgt Ion:276 Resp: 7972

Ion Ratio Lower Upper

276 100

138 23.6 28.0 42.0#

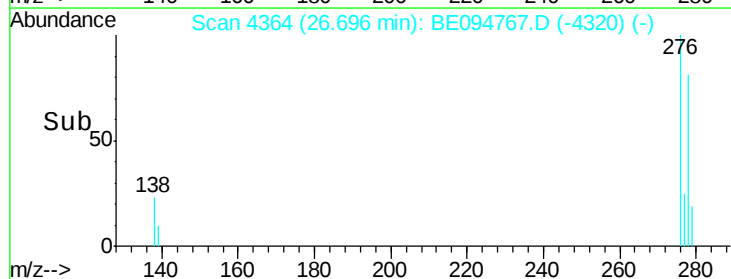
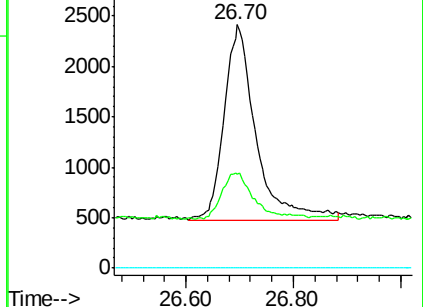
227 0.0 8.0 12.0#

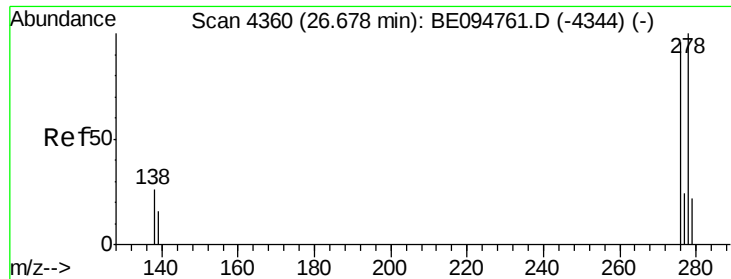


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.37 ng/ul

RT: 26.69 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

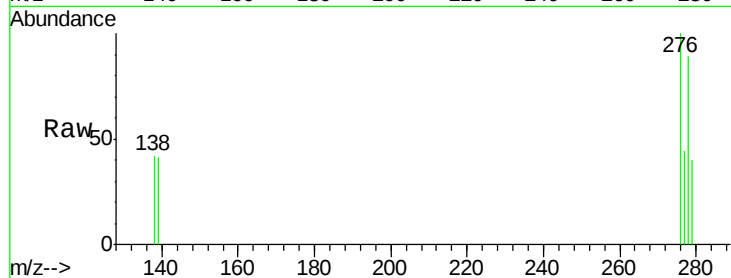
Tot Ion:278 Resp: 6736

Ion Ratio Lower Upper

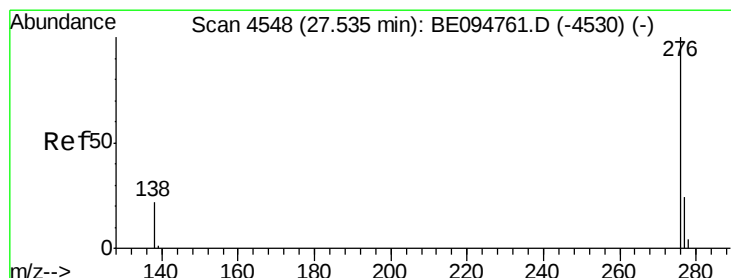
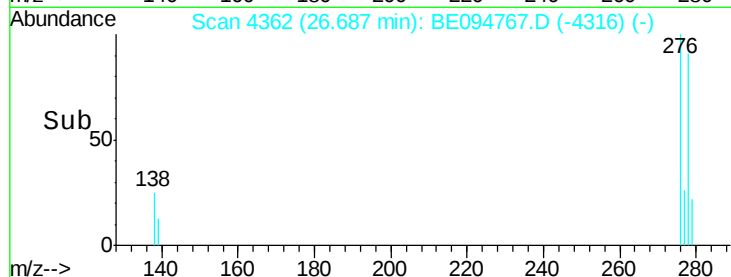
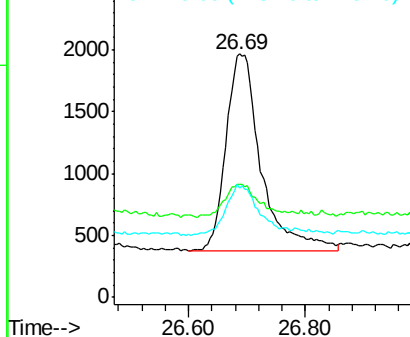
278 100

139 46.2 17.4 26.0#

279 45.1 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.38 ng/ul

RT: 27.55 min Scan# 4551

Delta R.T. 0.01 min

Lab File: BE094767.D

Acq: 6 Nov 2017 23:22

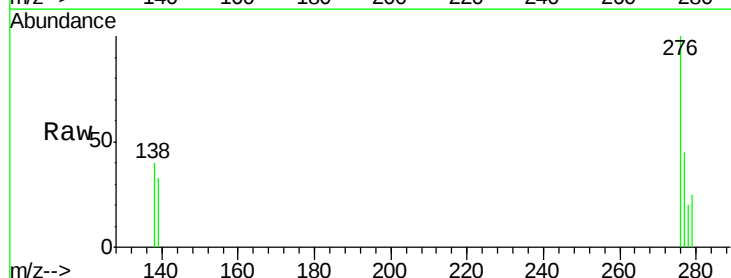
Tgt Ion:276 Resp: 6571

Ion Ratio Lower Upper

276 100

138 40.1 21.8 32.8#

277 44.7 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

